How to create a bootable Micro_SD card

Applies to:

Platform	*OS Version*	*PAC Utility Version*
WinPAC	*All Versions*	*All Versions*
ViewPAC	*All Versions*	*All Versions*

When the WinPAC have problem cannot boot. You can boot the WinPAC via a Micro_SD, and then reinstall the OS and Eboot to fix the problem by refer to the FAQ: "w4-001-03_how_to_update_OS_image_and_eboot_by_Micro_SD_card_english".

Original Micro_SD has been created a bootable card.

But, if you want to use the Non-original Micro_SD to be a bootable card, please perform the following steps:



1. Only the following brands of Micro_SD card can be used to create a bootable card.
   http://processors.wiki.ti.com/index.php/TI-Android-ICS-4.0.3-DevKit-3.0.1_UserGuide#SD_Card_Recommendations
2. The OS of PC to create the bootable card had better use the Windows XP.

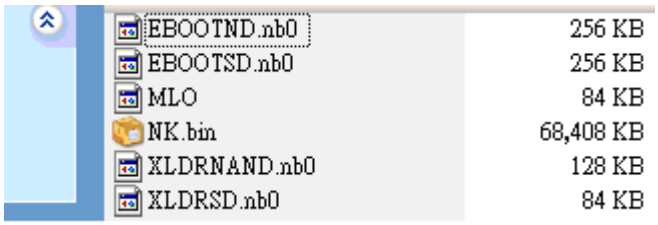
Step 1: Download the TI_SDCard_boot_utility_v1_0.exe file to the PC side.
CD:\napdos\WinPAC_AM335x\Wp-5231\PC_Tools\TI Tools

Step 2: Download the OS install file to the PC side
OS Image:
http://ftp.icpdas.com/pub/cd/WinPAC_AM335x/Wp-5231/OS_Image\update_from_Eshell_or_Micro_SD/(*Note1)

Note1: The OS image files of other platform:
IWS-x231: http://ftp.icpdas.com/pub/cd/WinPAC_AM335x/IWS-x231/OS_Image\ update_from_Eshell_or_Micro_SD
VP-x231: http://ftp.icpdas.com/pub/cd/WinPAC_AM335x/VP-x231/OS_Image\ update_from_Eshell_or_Micro_SD

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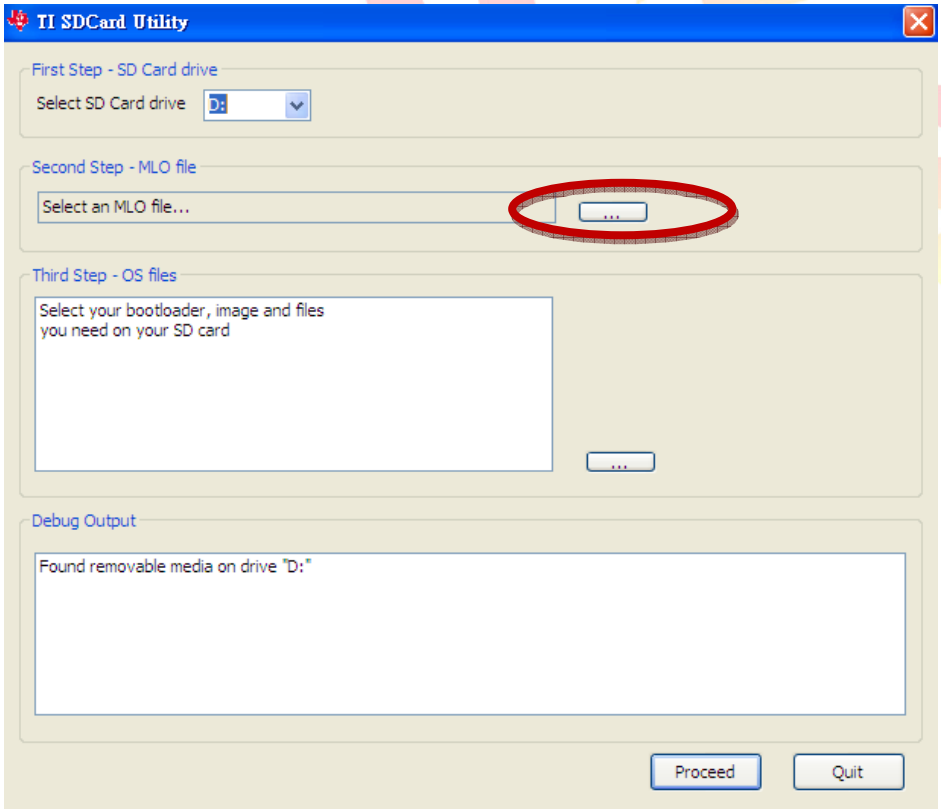
Step 3: Unzip the Zip file to the appropriate location. e.g. C:\AM335x_O….
MLO
XLDRSD.nb0
XLDRNAND.nb0
EBOOTND.nb0
EBOOTSD.nb0
NK.bin



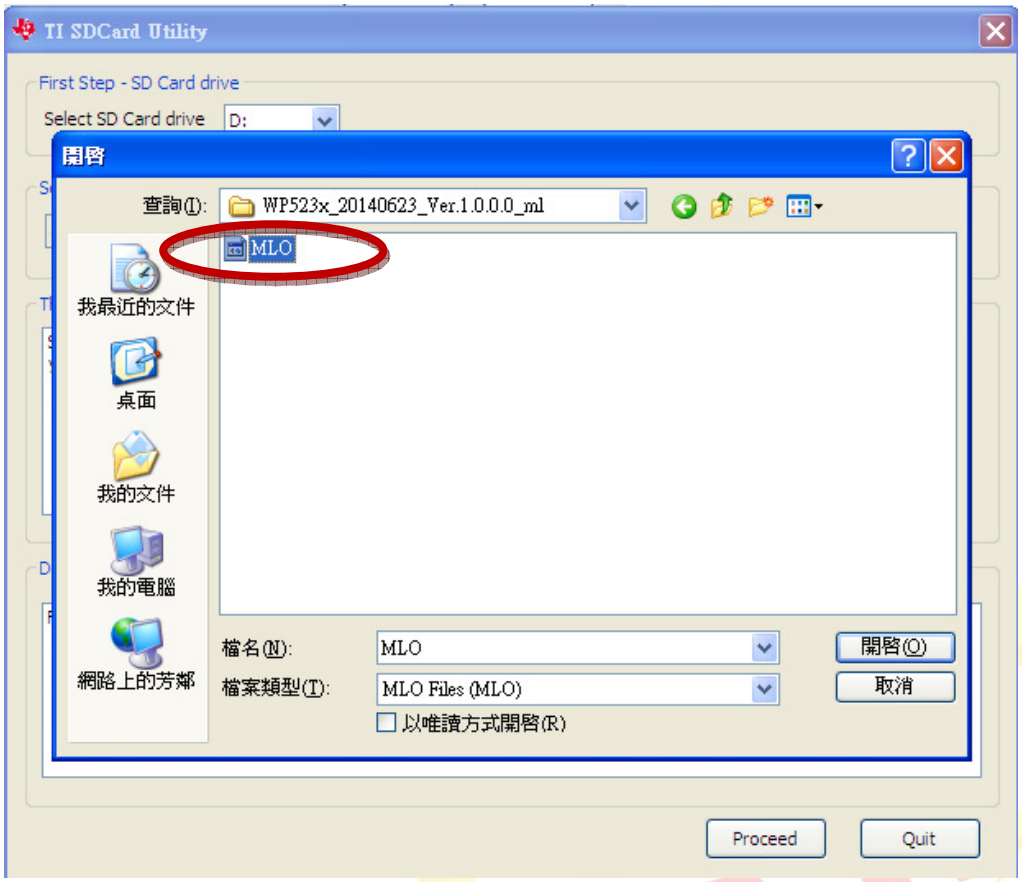
Step 4: Execute the “TI_SDCard_boot_utility_v1_0.exe”.



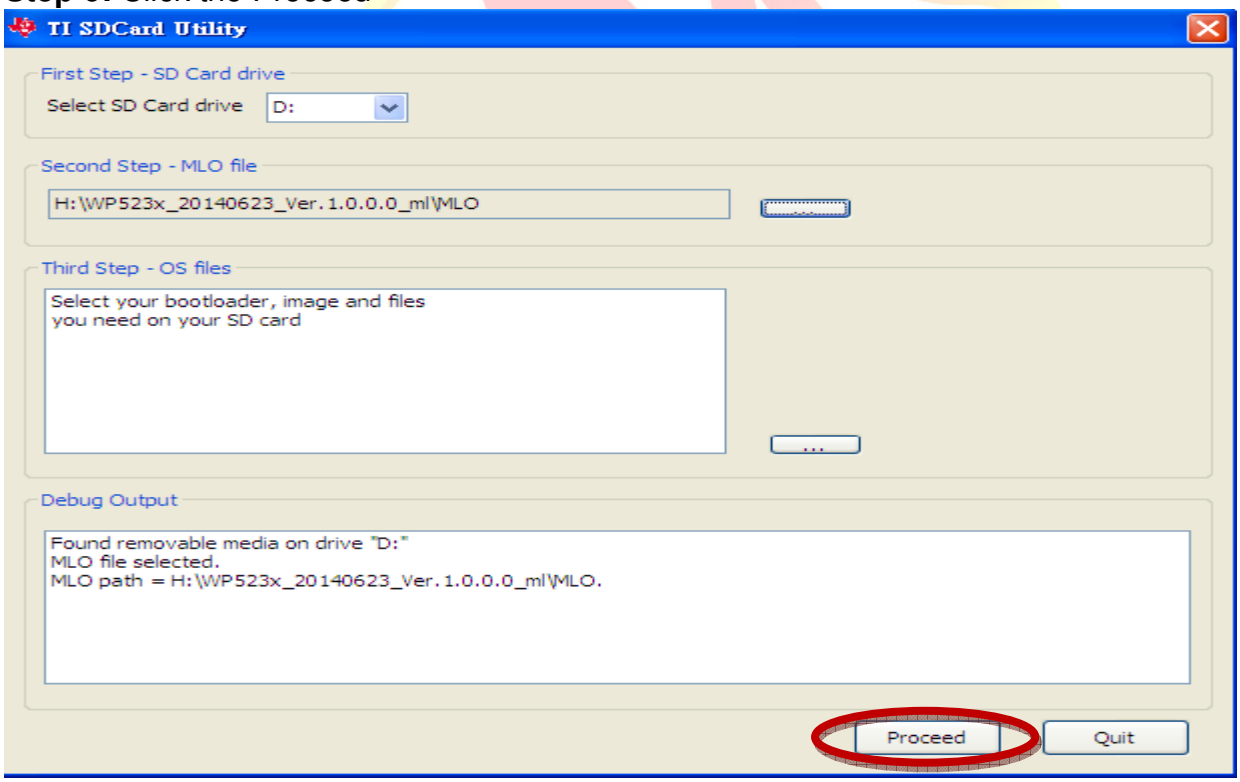
Step 5: Select the MLO file (The MLO file local at the OS install folder.)



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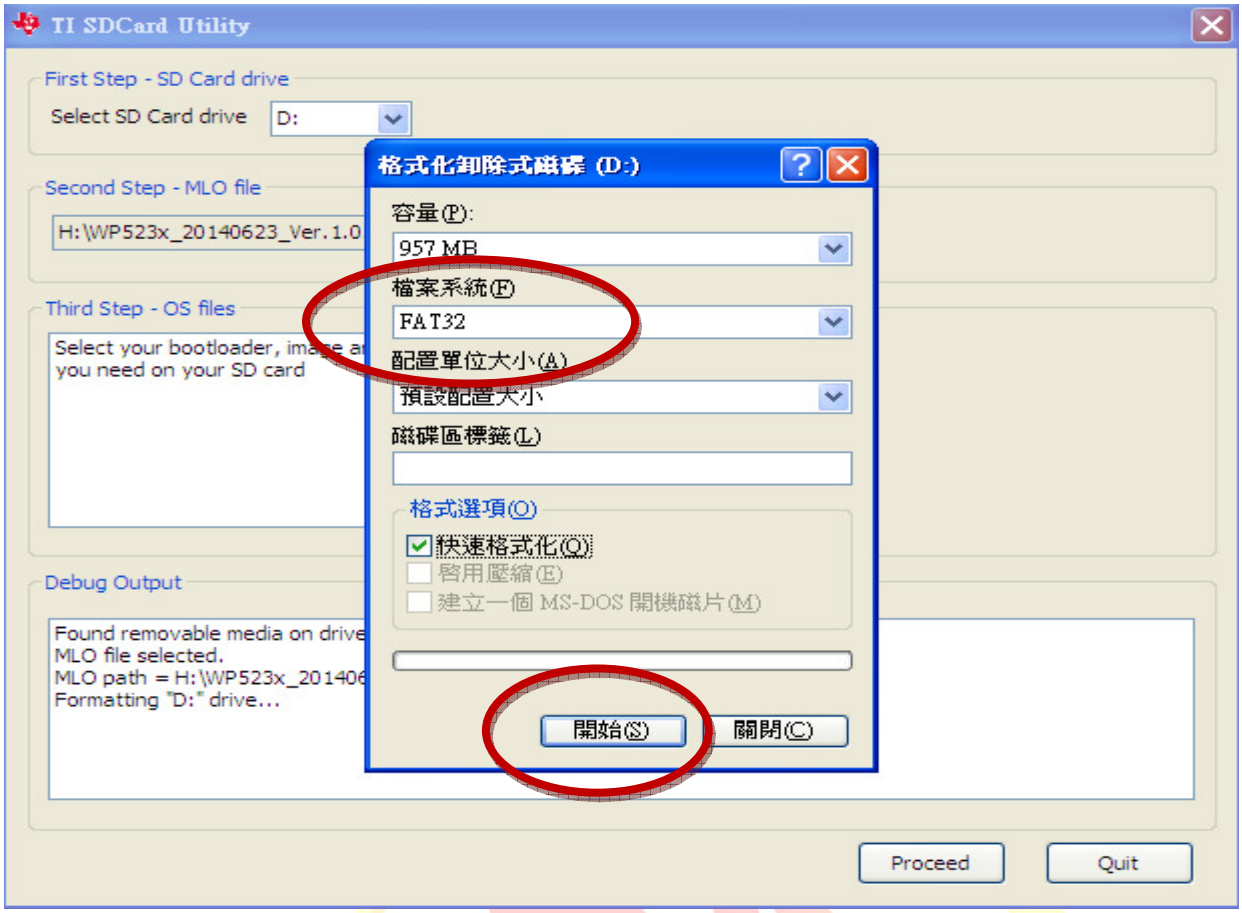


Step 6: Click the Proceed



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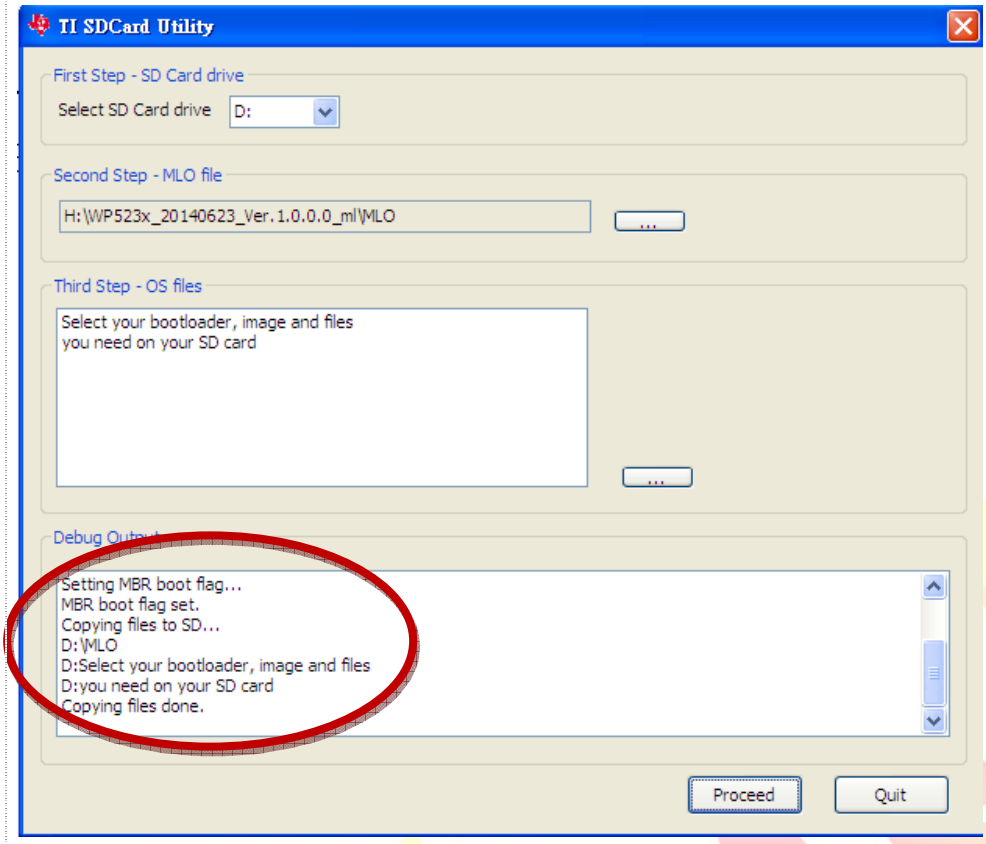
Step 7: Select the FAT32 and then click the Start.



Step 8: Click the Start button.

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Step 9: The TI Tool will copy the OS install file to the Micro_SD card, and them the bootable card have been created.



Note:
When the WinPAC cannot boot, you can boot by the Micro_SD card, and then re-install the OS and Eboot by Micro_SD card to fix the problem.

Please refer to the FAQ to re-install the OS and eboot:
w4-001-03_how_to_update_OS_image_and_eboot_by_Micro_SD_card_english.

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